

ABSTRACT OF THE DISCLOSURE

An initialization method for a phase change type optical disc, including the steps of irradiating a laser beam of a predetermined power onto a specimen
5 optical disc, increasing the power of the laser beam with constant rate, detecting a reflectivity of the laser beam reflected from the optical disc in accordance with the increasing laser power, detecting a saturated value of the reflectivity of the laser
10 beam, detecting an optimal power of the laser beam where the reflectivity belongs 70% to 90% of the saturated value, and performing initialization by irradiating the laser beam having thus obtained optimal power onto the optical disc to be
initialized which will be initialized with the adjusted laser beam can improve the
recording characteristic and erase ratio.